CANNED FISH & BYPRODUCTS — 1952

Department of the Interior
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United States, Alaska, and Hawaii

Fish and Wildlife Service
Branch of Commercial Fisheries

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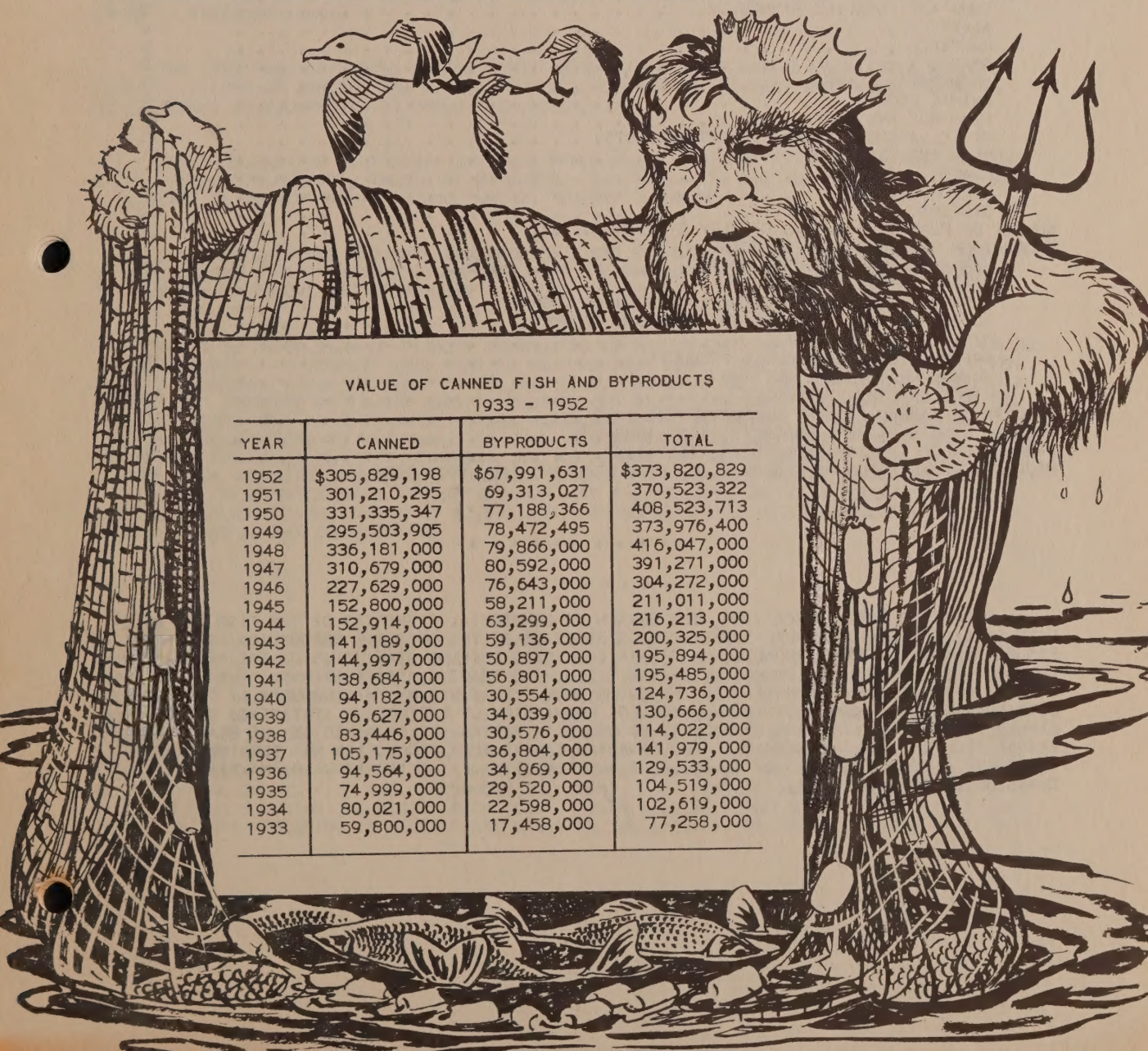
ANNUAL SUMMARY



VALUE OF CANNED FISH AND BYPRODUCTS
1933 - 1952

YEAR	CANNED	BYPRODUCTS	TOTAL
1952	$305,829,198	$67,991,631	$373,820,829
1951	301,210,295	69,313,027	370,523,322
1950	331,335,347	77,188,366	408,523,713
1949	295,503,905	78,472,495	373,976,400
1948	336,181,000	79,866,000	416,047,000
1947	310,679,000	80,592,000	391,271,000
1946	227,629,000	76,643,000	304,272,000
1945	152,800,000	58,211,000	211,011,000
1944	152,914,000	63,299,000	216,213,000
1943	141,189,000	59,136,000	200,325,000
1942	144,997,000	50,897,000	195,894,000
1941	138,684,000	56,801,000	195,485,000
1940	94,182,000	30,554,000	124,736,000
1939	96,627,000	34,039,000	130,666,000
1938	83,446,000	30,576,000	114,022,000
1937	105,175,000	36,804,000	141,979,000
1936	94,564,000	34,969,000	129,533,000
1935	74,999,000	29,520,000	104,519,000
1934	80,021,000	22,598,000	102,619,000
1933	59,800,000	17,458,000	77,258,000

CANNED FISHERY PRODUCTS AND BYPRODUCTS OF THE UNITED STATES, ALASKA, AND HAWAII - 1952

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SOURCE OF DATA--SINCE 1921, THE BRANCH OF COMMERCIAL FISHERIES OF THE FISH AND WILDLIFE SERVICE HAS MADE ANNUAL SURVEYS FOR STATISTICS OF THE DOMESTIC PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS. THE DATA COLLECTED INCLUDE STATISTICS ON THE PRODUCTION AND VALUE OF EACH CANNED COMMODITY BY CAN SIZES, AND TRADE CLASSIFICATIONS. THE VALUE SHOWN FOR THE PRODUCTS CONSTITUTES THE GROSS AMOUNT RECEIVED BY THE PRODUCER AT THE PRODUCTION POINT, NO DEDUCTIONS BEING MADE FOR COMMISSION OR EXPENSES. STATISTICS ON THE CANNED FISHERY PRODUCTS AND BYPRODUCTS PRODUCED IN ALASKA ARE OBTAINED BY THE BRANCH OF ALASKA FISHERIES OF THE SERVICE. THE HAWAIIAN CANNED TUNA PRODUCTION WAS FURNISHED BY THE BOARD OF COMMISSIONERS OF AGRICULTURE AND FORESTRY OF THE TERRITORY OF HAWAII - DIVISION OF FISH AND GAME.

UNITED STATES, ALASKA, AND HAWAII PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS - 1952

THE PACK OF CANNED FISHERY PRODUCTS IN THE UNITED STATES, ALASKA, AND HAWAII IN 1952 AMOUNTED TO 815,212,863 POUNDS, VALUED AT $305,829,198 TO THE PACKERS. THIS WAS AN INCREASE OF 2 PERCENT IN VOLUME AND 2 PERCENT IN VALUE COMPARED WITH THE 1951 PRODUCTION. THESE INCREASES RESULTED PRINCIPALLY FROM LARGER PACKS OF TUNA AND MAINE SARDINES. CANNED FISHERY PRODUCTS WERE PACKED IN 445 PLANTS IN 25 STATES AND ALASKA AND HAWAII DURING 1952.

THE PACK OF TUNA AND TUNALIKE FISHES, WHICH AMOUNTED TO 9,120,889 CASES (179,416,944 POUNDS), VALUED AT $113,034,510 WAS 884,164 CASES AND NEARLY $14,000,000 MORE THAN THE 1951 PRODUCTION. THE TUNA PACK INCLUDES THE PRODUCTION IN HAWAII FOR 1952. THIS HAS NOT BEEN SHOWN IN PREVIOUS YEARS.

THE 1952 PACK OF CANNED SALMON AMOUNTED TO 4,464,347 STANDARD CASES (214,288,656 POUNDS), VALUED AT $98,263,789 TO THE CANNERS. COMPARED WITH 1951 THIS WAS A DECREASE OF 4 PERCENT IN VOLUME AND 10 PERCENT IN VALUE.

THE 1952 PACK OF CALIFORNIA SARDINES (PILCHARDS) AMOUNTED TO ONLY 106,746 STANDARD CASES (4,803,570 POUNDS), VALUED AT $918,072. COMPARED WITH THE PREVIOUS YEAR, THIS WAS A DECREASE OF 96 PERCENT IN VOLUME, AND 95 PERCENT IN VALUE.

THE PACK OF MAINE SARDINES AMOUNTED TO 3,530,876 CASES (71,676,783 POUNDS), VALUED AT $21,502,970 TO THE PACKERS. COMPARED WITH THE PREVIOUS YEAR, THIS WAS AN INCREASE OF 111 PERCENT IN VOLUME AND 47 PERCENT IN VALUE.

THE 1952 PRODUCTION OF FISHERY BYPRODUCTS IN THE UNITED STATES AND ALASKA WAS VALUED AT $67,991,631 -- 2 PERCENT LESS THAN IN THE PREVIOUS YEAR. THE 1952 PRODUCTION OF FISH AND MARINE ANIMAL SCRAP AMOUNTED TO 221,403 TONS, VALUED AT $27,161,654 TO THE PRODUCERS. THIS WAS AN INCREASE OF 11,647 TONS IN VOLUME, AND $1,787,757 IN VALUE COMPARED WITH THE PREVIOUS YEAR. THE PRODUCTION OF MARINE ANIMAL OILS IN THE UNITED STATES AND ALASKA DURING THE YEAR AMOUNTED TO 16,094,409 GALLONS, VALUED AT $9,391,368 TO THE PRODUCERS. THIS WAS A DECREASE OF 11 PERCENT IN VOLUME, AND 44 PERCENT IN VALUE COMPARED WITH 1951. SOME OF THE OTHER IMPORTANT BYPRODUCTS PRODUCED DURING THE YEAR WERE MARINE PEARL-SHELL, OYSTER SHELL, AND FRESH-WATER SHELL PRODUCTS, VALUED AT $14,702,673; AND FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH, VALUED AT $5,979,865. BYPRODUCTS WERE PRODUCED IN 255 PLANTS IN 25 STATES AND ALASKA DURING 1952.

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STANDARD CASES AND CONVERSION FACTORS--DURING RECENT YEARS, IT HAS OCCASIONALLY BEEN NECESSARY TO REVISE THE SIZE OF THE STANDARD CASES USED IN REPORTING THE PACK OF CERTAIN ITEMS OF CANNED FISH AND SHELLFISH DUE TO CHANGES IN CANNING PRACTICES. IT HAS ALSO BEEN NECESSARY TO REVISE THESE FIGURES WHEN IT HAS BEEN FOUND THAT THE CONTENTS WERE LESS THAN WAS FORMERLY BELIEVED. BECAUSE OF THESE CHANGES, COMPARISONS OF THE "NUMBER OF CASES" OR "POUNDS" OF INDIVIDUAL PRODUCTS REPORTED IN FORMER YEARS SHOULD BE MADE WITH EXTREME CARE TO BE CERTAIN THAT THE FIGURES ARE COMPARABLE. THE SIZE OF STANDARD CASES OF INDIVIDUAL ITEMS OF CANNED FISHERY PRODUCTS IS INDICATED AT THE BOTTOM OF THE INDIVIDUAL PACK TABLES IN THE ANNUAL CANNED FISH AND BYPRODUCTS BULLETINS. THE FACTORS USED TO CONVERT STANDARD CASES TO POUNDS DURING THE PERIOD FROM 1921 TO 1952 WILL BE FOUND ON PAGE 4. THE HISTORICAL PACK DATA APPEARING ON PAGE 17 ARE BASED ON THE SIZE OF THE STANDARD CASES USED IN 1952.

SUMMARY OF PRODUCTION: BY COMMODITIES, 1952

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
SALMON:					
UNITED STATES	40	890,156	48	42,727,488	$21,906,773
ALASKA	110	3,574,191	48	171,561,168	76,357,016
TOTAL	150	4,464,347		214,288,656	98,263,789
SARDINES:					
MAINE	50	3,530,876	20.3	71,676,783	21,502,970
CALIFORNIA	26	106,746	45	4,803,570	918,072
TUNA AND TUNALIKE FISHES:					
TUNA:					
SOLID	48	2,948,597	21	61,920,537	42,859,171
CHUNKS	28	4,143,633	19.5	80,800,844	50,884,344
FLAKES AND GRATED	43	1,801,659	18	32,429,862	17,332,375
TOTAL TUNA	48	8,893,889		175,151,243	111,075,890
TUNALIKE FISHES:					
SOLID	8	54,580	21	1,146,180	569,314
CHUNKS	3	10,641	19.5	207,499	85,232
FLAKES AND GRATED	15	161,779	18	2,912,022	1,304,074
TOTAL TUNALIKE FISHES	17	227,000		4,265,701	1,958,620
TOTAL TUNA AND TUNALIKE FISHES	48	9,120,889		179,416,944	113,034,510
ALEWIVES	16	79,861	45	3,593,745	374,680
ANCHOVIES	18	438,988	48	21,071,424	4,737,391
MACKEREL	35	1,525,353	45	68,640,885	11,362,697
SALMON, SMOKED	15	948	48	45,504	43,900
SEA HERRING, PACIFIC	9	39,735	48	1,907,280	280,237
SHAD	6	8,040	45	361,800	60,607
STURGEON, SMOKED	6	550	48	26,400	35,984
FISH ANIMAL FOOD	35	3,497,733	48	167,891,184	15,667,950
FISH CAKES (PRINCIPALLY GROUNDFISH)	5	88,135	48	4,230,480	1,074,078
FISH FLAKES, GROUNDFISH	6	29,333	42	1,231,986	479,027
FISH PASTE AND SPREAD	3	697	48	33,456	45,235
FISH MISCELLANEOUS AND FISH SPECIALTIES	7	51,399	48	2,467,152	543,367
FISH ROE AND CAVIAR	51	64,080	48	3,075,840	1,681,010
TOTAL FISH		23,047,710		744,763,089	270,105,504
CLAM PRODUCTS:					
WHOLE CLAMS	17	34,444	15	1/516,660	528,828
MINCED CLAMS	25	346,737	15	1/5,201,055	3,258,945
CHOWDER	11	1,275,318	30	1/38,259,540	8,258,775
JUICE, BROTH, BOUILLON AND NECTAR	11	42,492	30	1/1,274,760	163,010
TOTAL CLAM PRODUCTS	40	1,698,991		45,252,015	12,209,558
CLAM SPECIALTIES	6	1,466	48	70,368	17,782
CRAB MEAT, NATURAL	36	86,058	19.5	1,678,131	2,087,019
CRAB SPECIALTIES	8	6,548	48	314,304	122,334
LOBSTER SPECIALTIES	5	6,547	48	314,256	187,796
SHRIMP, NATURAL, WET PACK	43	817,910	15	2/12,268,650	12,998,814
SHRIMP SPECIALTIES	12	9,736	48	467,328	225,051
OYSTERS, NATURAL	46	529,143	14	2/7,408,002	7,047,441
OYSTER SPECIALTIES, INCLUDING SMOKED	17	25,887	48	1,242,576	495,829
TERRAPIN AND TURTLE MEAT, SOUP AND STEW	8	24,160	48	1,159,680	258,568
MISCELLANEOUS SHELLFISH SPECIALTIES	9	5,718	48	274,464	73,502
TOTAL SHELLFISH PRODUCTS		3,212,164		70,449,774	35,723,694
TOTAL FISH AND SHELLFISH	445	26,259,874		815,212,863	305,829,198
		UNIT		QUANTITY	VALUE
BYPRODUCTS:					
MARINE-ANIMAL SCRAP AND MEAL	162	TONS		221,403	$27,161,654
MARINE-ANIMAL OILS:					
BODY OIL	102	GALLONS		15,817,800	7,316,354
LIVER AND VISCERA OIL	16	DO		276,609	2,075,014
MARINE PEARL SHELL BUTTONS	23	GROSS		4,481,456	6,905,104
MUSSEL-SHELL PRODUCTS (FRESH WATER)	16	-		-	4,438,545
OYSTER SHELL PRODUCTS	24	TONS		429,348	3,359,024
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	34	POUNDS		140.963,575	5,979,865
MISCELLANEOUS BYPRODUCTS	16	-		-	10,756,071
TOTAL BYPRODUCTS	255	-		-	67,991,631
GRAND TOTAL	3/647	-		-	373,820,829

1/ "CUT OUT" OR "DRAINED" WEIGHTS OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND THE NET CAN CONTENT FOR OTHER CLAM PRODUCTS. 2/ DRAINED WEIGHT. 3/ EXCLUSIVE OF DUPLICATION.

NOTE:--LISTS OF CANNERS AND MANUFACTURERS OF FISHERY BYPRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D.C.

SUMMARY OF PRODUCTION: UNITED STATES, ALASKA, AND HAWAII, 1952

STATES	CANNED		BYPRODUCTS	TOTAL
	POUNDS	VALUE	VALUE	VALUE
MAINE	139,149,925	$28,512,114	$4,798,998	$33,311,112
MASSACHUSETTS, CONNECTICUT, RHODE ISLAND	38,452,504	5,815,203	7,248,694	13,063,897
NEW YORK	7,196,802	2,193,982	4,670,382	6,864,364
NEW JERSEY, PENNSYLVANIA, DELAWARE	32,023,551	7,834,054	10,317,870	18,151,924
MARYLAND	4,263,078	1,539,427	2,060,963	3,600,390
VIRGINIA	4,891,770	635,445	2,451,750	3,087,195
NORTH CAROLINA	597,574	480,947	3,362,200	3,843,147
SOUTH CAROLINA, GEORGIA	1,900,577	1,680,804	90,130	1,770,934
FLORIDA, ALABAMA	1,143,135	1,152,564	2,791,114	3,943,678
MISSISSIPPI	13,252,518	5,923,250	2,614,137	8,537,387
LOUISIANA	11,442,931	11,639,675	6,611,285	18,250,960
TEXAS	-	-	1,478,441	1,478,441
ARKANSAS, MINNESOTA, MISSOURI	-	-	106,638	106,638
ILLINOIS, IOWA, OHIO	3,655,296	432,346	4,307,893	4,740,239
TENNESSEE, WISCONSIN	1,296,240	173,379	-	173,379
WASHINGTON	43,815,049	21,362,466	1,299,338	22,661,804
OREGON	20,371,643	14,284,187	304,630	14,588,817
CALIFORNIA AND HAWAII	319,350,425	124,582,452	12,334,865	136,917,317
ALASKA	172,409,845	77,586,903	1,142,303	78,729,206
TOTAL	815,212,863	305,829,198	67,991,631	373,820,829

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1938	1939 AND 1940	1941	1942	1943	1944 TO 1947	1948 TO 1951	1952
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:								
MAINE	25	25	25	20.3	20.3	20.3	20.3	20.3
CALIFORNIA	48	48	48	45	45	45	45	45
TUNA AND TUNALIKE FISHES:								
SOLID	24	24	21	22.5	22.5	21	21	21
CHUNKS	-	-	-	-	-	(1)	(1)	19.5
FLAKES	24	24	21	18	18	18	18	18
MACKEREL	48	48	48	45	45	45	45	45
ALEWIVES	48	48	48	48	45	45	45	45
SHAD	48	48	48	48	48	45	45	45
FISH FLAKES	48	48	48	48	48	42	42	42
OYSTERS	15	15	15	15	22.5	22.5	14	14
SHRIMP, WET PACK	17.25	17.25	17.25	21	21	21	15	15
CLAM PRODUCTS:								
WHOLE AND MINCED	15	15	15	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC	30	30	30	30	30	30	30	30
CRABS	48	39	39	39	39	39	19.5	19.5
ALL OTHER	48	48	48	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED. THE CASES SHOWN FOR ALL YEARS LISTED IN THE HISTORICAL SECTION ON PAGE 17 REPRESENT THE SAME SIZED CASES REPORTED FOR 1952.

PLANTS PRODUCING CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1952

STATE	CANNED PRODUCTS	BY-PRODUCTS	TOTAL PLANTS EXCLUSIVE OF DUPLICATION	STATE	CANNED PRODUCTS	BY-PRODUCTS	TOTAL PLANTS EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER
NEW ENGLAND:				S.ATLANTIC AND GULF - CONTINUED:			
MAINE	57	18	69	TEXAS	-	5	5
MASSACHUSETTS	13	11	22	TOTAL	69	70	134
CONNECTICUT	1	4	4	GREAT LAKES AND MISSISSIPPI RIVER:			
RHODE ISLAND	1	1	2	ARKANSAS	-	1	1
TOTAL	72	34	97	ILLINOIS	1	-	1
MIDDLE ATLANTIC:				IOWA	1	11	12
NEW YORK	10	8	18	MINNESOTA	-	2	2
NEW JERSEY	4	20	24	MISSOURI	-	1	1
PENNSYLVANIA	1	7	8	OHIO	1	-	1
DELAWARE	1	2	3	TENNESSEE	1	-	1
TOTAL	16	37	53	WISCONSIN	1	-	1
CHESAPEAKE BAY:				TOTAL	5	15	20
MARYLAND	8	8	15	PACIFIC COAST:			
VIRGINIA	12	13	23	WASHINGTON	58	11	69
TOTAL	20	21	38	OREGON	23	5	26
S.ATLANTIC AND GULF:				CALIFORNIA	54	51	72
NORTH CAROLINA	10	20	28	TOTAL	135	67	167
SOUTH CAROLINA	5	2	6	HAWAII	2	-	2
GEORGIA	2	1	3	ALASKA	126	11	135
FLORIDA	2	5	7	GRAND TOTAL	445	255	647
ALABAMA	3	1	4				
MISSISSIPPI	18	4	22				
LOUISIANA	29	32	59				

PACK OF CANNED SALMON: STANDARD CASES, 1952

SPECIES AND CAN SIZE	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL	1,647	$35,218	19,886	$470,795	10,097	$247,851	31,630	$753,864
1-POUND FLAT	-	-	49	1,225	3	72	52	1,297
1/2-POUND FLAT	1,054	34,482	14,934	454,333	9,221	276,125	25,209	764,940
20-OUNCE CAN	-	-	-	-	38	915	38	915
4-POUND TALL	34	562	7	154	-	-	41	716
TOTAL	2,735	70,262	34,876	926,507	19,359	524,963	56,970	1,521,732
CHUM OR KETA:								
1-POUND TALL	503,456	7,876,777	389,711	6,002,961	36,665	591,352	929,832	14,471,090
1/2-POUND FLAT	21,354	389,575	9,476	178,173	2,171	39,124	33,001	606,872
4-POUND TALL	3,150	50,400	677	11,847	-	-	3,827	62,247
TOTAL	527,960	8,316,752	399,864	6,192,981	38,836	630,476	966,660	15,140,209
PINK:								
1-POUND TALL	524,557	9,692,426	546,995	9,683,185	1,309	25,435	1,072,861	19,401,046
1/2-POUND FLAT	67,830	1,605,790	27,479	619,811	30	660	95,339	2,226,261
4-POUND TALL	1,035	20,700	2,933	57,193	-	-	3,968	77,893
TOTAL	593,422	11,318,916	577,407	10,360,189	1,339	26,095	1,172,168	21,705,200
RED OR SOCKEYE:								
1-POUND TALL	46,647	1,262,851	281,485	7,431,652	705,659	20,250,055	1,033,791	28,944,558
1-POUND FLAT	-	-	2,914	84,506	5,039	136,053	7,953	220,559
1/2-POUND FLAT	25,219	867,254	92,236	3,013,223	18,862	651,126	136,317	4,531,603
7-OUNCE TUNA	100	3,987	-	-	-	-	100	3,987
4-POUND TALL	2,544	69,995	457	12,796	-	-	3,001	82,791
TOTAL	74,510	2,204,087	377,092	10,542,177	729,560	21,037,234	1,181,162	33,783,498
SILVER OR COHO:								
1-POUND TALL	98,326	2,067,142	54,788	1,100,422	6,820	155,059	159,934	3,322,623
1/2-POUND FLAT	20,213	534,217	619	13,694	872	17,442	21,704	565,353
7-OUNCE TUNA	881	27,189	-	-	-	-	881	27,189
4-POUND TALL	2,857	57,140	11,628	229,532	-	-	14,485	286,672
TOTAL	122,277	2,685,688	67,035	1,343,648	7,692	172,501	197,004	4,201,837
STEELHEAD:								
4-POUND TALL	227	4,540	-	-	-	-	227	4,540
TOTAL	227	4,540	-	-	-	-	227	4,540
GRAND TOTAL	1,321,131	24,609,245	1,456,274	29,365,502	796,786	22,391,269	3,574,191	76,357,016

PACK OF CANNED SALMON: STANDARD CASES, 1952 - Continued

SPECIES AND CAN SIZE	UNITED STATES						GRAND TOTAL, UNITED STATES AND ALASKA	
	WASHINGTON		OREGON 1/		UNITED STATES TOTAL			
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL	4,234	$82,142	6,126	$109,340	10,360	$191,482	41,990	$945,346
1-POUND FLAT	-	-	2,670	93,067	2,670	93,067	2,722	94,364
1/2-POUND FLAT	20,337	698,887	55,738	2,046,020	76,075	2,744,907	101,284	3,509,847
1/4-POUND FLAT	1,763	67,866	14,003	633,335	15,766	701,201	15,766	701,201
20-OUNCE CAN	-	-	-	-	-	-	38	915
4-POUND TALL	337	5,687	-	-	337	5,687	378	6,403
TOTAL	26,671	854,582	78,537	2,881,762	105,208	3,736,344	162,178	5,258,076
CHUM OR KETA:								
1-POUND TALL	262,423	3,996,461	5,019	78,778	267,442	4,075,239	1,197,274	18,546,329
1/2-POUND FLAT	39,137	839,736	2,028	35,187	41,165	874,923	74,166	1,481,795
4-POUND TALL	17,632	332,071	-	-	17,632	332,071	21,459	394,318
OTHER	12	294	-	-	12	294	12	294
TOTAL	319,204	5,168,562	7,047	113,965	326,251	5,282,527	1,292,911	20,422,736
PINK:								
1-POUND TALL	1,755	32,766	-	-	1,755	32,766	1,074,616	19,433,812
1/2-POUND FLAT	1,599	35,045	-	-	1,599	35,045	96,938	2,261,306
4-POUND TALL	-	-	-	-	-	-	3,968	77,893
OTHER	1,357	25,783	-	-	1,357	25,783	1,357	25,783
TOTAL	4,711	93,594	-	-	4,711	93,594	1,176,879	21,798,794
RED OR SOCKEYE:								
1-POUND TALL	87,944	2,328,525	-	-	87,944	2,328,525	1,121,735	31,273,083
1-POUND FLAT	-	-	-	-	-	-	7,953	220,559
1/2-POUND FLAT	114,181	4,199,896	5,897	239,971	120,078	4,439,867	256,395	8,971,470
1/4-POUND FLAT	8,568	360,171	1,890	87,434	10,458	447,605	10,458	447,605
7-OUNCES TUNA	-	-	-	-	-	-	100	3,987
4-POUND TALL	-	-	-	-	-	-	3,001	82,791
OTHER	6,680	193,720	-	-	6,680	193,720	6,680	193,720
TOTAL	217,373	7,082,312	7,787	327,405	225,160	7,409,717	1,406,322	41,193,215
SILVER OR COHO:								
1-POUND TALL	88,575	1,739,347	2,054	37,520	90,629	1,776,867	250,563	5,099,490
1/2-POUND FLAT	61,595	1,459,113	13,648	387,484	75,243	1,846,597	96,947	2,411,950
1/4-POUND FLAT	8,798	271,288	12,511	423,223	21,309	694,511	21,309	694,511
7-OUNCE TUNA	-	-	-	-	-	-	881	27,189
4-POUND TALL	21,850	435,646	-	-	21,850	435,646	36,335	722,318
OTHER	814	17,908	2	75	816	17,983	816	17,983
TOTAL	181,632	3,923,302	28,215	848,302	209,847	4,771,604	406,851	8,973,441
STEELHEAD:								
1-POUND TALL	-	-	2/3,366	2/84,022	2/3,366	2/84,022	2/3,366	2/84,022
1/2-POUND FLAT	-	-	10,275	291,709	10,275	291,709	10,275	291,709
1/4-POUND FLAT	-	-	5,338	237,256	5,338	237,256	5,338	237,256
4-POUND TALL	-	-	-	-	-	-	227	4,540
TOTAL	-	-	18,979	612,987	18,979	612,987	19,206	617,527
GRAND TOTAL	749,591	17,122,352	140,565	4,784,421	890,156	21,906,773	4,464,347	98,263,789

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA. 2/ INCLUDES A SMALL PACK OF 1 POUND FLATS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CONTAINING 16 OUNCES OF SALMON. SALMON WERE CANNED IN 27 PLANTS IN WASHINGTON, 12 IN OREGON, 1 IN CALIFORNIA, AND 110 IN ALASKA.

SUPPLEMENTARY REVIEW OF THE PACIFIC COAST STATES SALMON PACK, 1952 BY DISTRICTS - STANDARD CASES

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING	7,887	$189,731	95,353	$3,506,181	1,968	$40,432	105,208	$3,736,344
CHUM OR KETA	297,494	4,839,265	13,759	214,837	14,998	228,425	326,251	5,282,527
PINK	4,711	93,594	-	-	-	-	4,711	93,594
RED OR SOCKEYE	214,540	6,962,097	9,824	413,774	796	33,846	225,160	7,409,717
SILVER OR COHO	173,238	3,743,476	29,701	875,380	6,908	152,748	209,847	4,771,604
STEELHEAD	-	-	18,979	612,987	-	-	18,979	612,987
TOTAL	697,870	15,828,163	167,616	5,623,159	24,670	455,451	890,156	21,906,773

SUPPLEMENTARY REVIEW OF THE PUGET SOUND SALMON PACK, 1952 BY ORIGIN OF FISH - STANDARD CASES

SPECIES	PUGET SOUND FISH	CANADIAN FISH	ALASKAN FISH	TOTAL
	STANDARD CASES	STANDARD CASES	STANDARD CASES	STANDARD CASES
CHINOOK OR KING	7,619	250	18	7,887
CHUM OR KETA	116,842	175,476	5,176	297,494
PINK	811	6	3,894	4,711
RED OR SOCKEYE	114,707	-	99,833	214,540
SILVER OR COHO	133,901	39,009	328	173,238
TOTAL	373,880	214,741	109,249	697,870

PACK OF MAINE SARDINES (INCLUDING SEA HERRING), 1952

STYLE OF PACK	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
NATURAL, WITHOUT SAUCE OR OIL	255,323	$748,478	3-1/4 OUNCES NET (100 CANS)	2,952,735	$19,489,902
IN SOYBEAN OR OTHER VEGETABLE OIL	2,750,824	17,788,307	5 OUNCES NET (100 CANS)	46,920	312,636
IN MUSTARD SAUCE	285,439	1,784,127	9 OUNCES NET (48 CANS)	62,585	412,488
IN TOMATO SAUCE	177,943	621,252	10 OUNCES NET (48 CANS)	19,895	124,646
IN OLIVE OIL	8,570	81,700	15 OUNCES NET (48 CANS)	169,735	1,097,205
OTHER 1/	52,777	479,106	OTHER SIZES (CONVERTED TO 3-1/4 OUNCES NET (100 CANS)	17,355	66,093
TOTAL	3,530,876	21,502,970	TOTAL	3,269,225	21,502,970

1/ INCLUDES SPECIAL PACKS OF SARDINES (INCLUDING SEA HERRING) IN COTTONSEED OIL, PEANUT OIL, AND KIPPERED.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-1/4 OUNCES NET) TO THE CASE. SARDINES (INCLUDING SEA HERRING) WERE CANNED IN 47 PLANTS IN MAINE AND 3 IN MASSACHUSETTS.

PACK OF CALIFORNIA SARDINES (PILCHARDS), 1952

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
NATURAL, WITHOUT SAUCE OR OIL 1/	34,933	$251,545	1 POUND CANS: 15 OUNCES NET, OVAL (48 CANS)	65,420	$588,681
IN TOMATO SAUCE	67,001	614,267	15 OUNCES NET, TALL (48 CANS)	35,291	242,014
			8 OUNCES NET (48 CANS)	6,630	54,013
OTHER 2/	4,812	52,260	5 OUNCES NET (100 CANS)	3,917	33,364
TOTAL	106,746	918,072	TOTAL	111,258	918,072

1/ INCLUDES A SMALL PRODUCTION OF FILLETS.
2/ INCLUDES SPECIAL PACKS OF SARDINES (PILCHARDS) IN MUSTARD SAUCE; IN OLIVE OIL AND TOMATO SAUCE; AND FILLETS IN A SPECIAL SAUCE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1-POUND CANS (15 OUNCES NET). SARDINES (PILCHARDS) WERE CANNED IN 26 PLANTS IN CALIFORNIA.

PACK OF TUNA AND TUNALIKE FISHES: STANDARD CASES, 1952

SPECIES	CALIFORNIA		WASHINGTON, OREGON, AND HAWAII		ATLANTIC COAST		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
TUNA:								
ALBACORE:								
SOLID PACK	895,524	$13,245,973	454,272	$6,993,483	-	-	1,349,796	$20,239,456
CHUNKS	609,487	7,486,829	151,044	1,961,960	-	-	760,531	9,448,789
FLAKES AND GRATED	348,239	3,311,027	135,391	1,142,378	-	-	483,630	4,453,405
TOTAL	1,853,250	24,043,829	740,707	10,097,821	-	-	2,593,957	34,141,650
YELLOWFIN:								
SOLID PACK	1,073,098	15,388,157	(1)	(1)	-	-	1,073,098	15,388,157
CHUNKS	1,962,780	23,563,049	(1)	(1)	-	-	1,962,780	23,563,049
FLAKES AND GRATED	2/976,632	2/9,552,130	4,424	39,092	-	-	981,056	9,591,222
TOTAL	4,012,510	48,503,336	4,424	39,092	-	-	4,016,934	48,542,428
BLUEFIN:								
SOLID PACK	25,146	355,685	-	-	-	-	25,146	355,685
CHUNKS	50,499	640,440	-	-	-	-	50,499	640,440
FLAKES AND GRATED	19,253	183,576	-	-	-	-	19,253	183,576
TOTAL	94,898	1,179,701	-	-	-	-	94,898	1,179,701
SKIPJACK:								
SOLID PACK	244,576	3,488,950	(1)	(1)	-	-	244,576	3,488,950
CHUNKS	1,131,414	14,312,455	(1)	(1)	-	-	1,131,414	14,312,455
FLAKES AND GRATED	265,288	2,578,000	-	-	-	-	265,288	2,578,000
TOTAL	1,641,278	20,379,405	(1)	(1)	-	-	1,641,278	20,379,405
TONNO, SOLID PACK	146,567	1,990,523	-	-	-	-	146,567	1,990,523
MISCELLANEOUS:								
SOLID PACK	-	-	1/14,397	1/206,085	3/95,017	3/$1,190,315	109,414	1,396,400
CHUNKS	-	-	1/181,346	1/2,280,194	3/57,063	3/639,417	238,409	2,919,611
FLAKES AND GRATED	-	-	-	-	3/52,432	3/526,172	52,432	526,172
TOTAL	-	-	1/195,743	1/2,486,279	3/204,512	3/2,355,904	400,255	4,842,183
TOTAL TUNA	7,748,503	96,096,794	940,874	12,623,192	204,512	2,355,904	8,893,889	111,075,890
TUNALIKE FISHES:								
BONITO:								
SOLID PACK	16,267	168,381	-	-	-	-	16,267	168,381
FLAKES AND GRATED	30,946	246,784	-	-	-	-	30,946	246,784
TOTAL	47,213	415,165	-	-	-	-	47,213	415,165
YELLOWTAIL:								
SOLID PACK	38,313	400,933	-	-	-	-	38,313	400,933
CHUNKS	10,641	85,232	-	-	-	-	10,641	85,232
FLAKES AND GRATED	130,833	1,057,290	-	-	-	-	130,833	1,057,290
TOTAL	179,787	1,543,455	-	-	-	-	179,787	1,543,455
TOTAL TUNA-LIKE FISHES	227,000	1,958,620	-	-	-	-	227,000	1,958,620
GRAND TOTAL, TUNA AND TUNA-LIKE FISHES	7,975,503	98,055,414	940,874	12,623,192	204,512	2,355,904	9,120,889	113,034,510

1/ THE PACK OF YELLOWFIN AND SKIPJACK IS INCLUDED WITH MISCELLANEOUS TUNA.
2/ INCLUDES A SMALL QUANTITY OF LIGHT MEAT AND A SMALL QUANTITY OF DARK MEAT PACKED FROM MISCELLANEOUS SPECIES.
3/ INCLUDES ALBACORE, YELLOWFIN, BLUEFIN, SKIPJACK AND LITTLE TUNA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CAN CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK OR 6-1/2 OUNCES NET WEIGHT OF CHUNKS, OR 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. DIETETIC AND BABY FOOD TUNA PACKS ARE INCLUDED IN THESE TOTALS. TUNA AND TUNALIKE FISHES WERE CANNED IN 27 PLANTS IN CALIFORNIA, 7 PLANTS EACH IN OREGON AND WASHINGTON, 2 PLANTS EACH IN MARYLAND AND HAWAII, AND 1 PLANT EACH IN MAINE, MASSACHUSETTS, AND SOUTH CAROLINA.

SUPPLEMENTARY REVIEW OF THE PACK OF TUNA AND TUNALIKE FISHES, 1952

CAN AND CASE SIZE	ACTUAL CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
4 POUNDS . . . . . 12 CANS	8,102	$219,861	1/4 POUND, FLAT . . 100 CANS	70,699	1,092,329
1 POUND, FLAT . . 48 CANS	32,053	714,099	MISCELLANEOUS, STANDARD CASES 48 CANS	19,278	60,285
1/2 POUND, FLAT. . 48 CANS	8,633,409	105,897,812	TOTAL.	9,363,629	113,034,510
1/4 POUND, FLAT. . 48 CANS	600,088	5,050,124			

PACK OF CANNED ALEWIVES, 1952

STATE	STANDARD CASES	VALUE
MARYLAND AND NORTH CAROLINA	27,603	$134,740
VIRGINIA	52,258	239,940
TOTAL	79,861	374,680

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15 OUNCE CANS. ALEWIVES WERE CANNED IN 4 PLANTS IN MARYLAND, 10 IN VIRGINIA, AND 2 IN NORTH CAROLINA.

PACK OF CANNED MACKEREL, 1952 1/

STATE AND STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
MAINE, NATURAL	2,022	$16,584	15 OUNCES NET (48 CANS)	1,472,750	$10,744,066
MASSACHUSETTS AND MARYLAND,			15 OUNCES NET (24 CANS)	6,947	28,227
NATURAL	20,098	235,837	7-1/2 OUNCES NET (48 CANS)	26,037	112,185
CALIFORNIA:			5-OUNCES NET (100 CANS)	36,620	320,160
NATURAL	1,479,099	10,817,944	OTHER SIZES (CONVERTED TO		
IN TOMATO SAUCE 2/	24,134	292,332	STANDARD CASES)	10,682	158,059
TOTAL	1,525,353	11,362,697	TOTAL	1,553,036	11,362,697

1/ INCLUDES THE PACK OF JACK MACKEREL IN CALIFORNIA. 2/ INCLUDES A SMALL PACK IN A SPECIAL SAUCE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. MACKEREL WERE CANNED IN 28 PLANTS IN CALIFORNIA, 4 IN MAINE, 2 IN MASSACHUSETTS, AND 1 IN MARYLAND.

PACK OF CANNED SHAD, 1952

STATE	STANDARD CASES	VALUE
MARYLAND, OREGON AND CALIFORNIA	8,040	$60,607

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. SHAD WERE CANNED IN 4 PLANTS IN OREGON AND 1 PLANT EACH IN MARYLAND AND CALIFORNIA.

PACK OF CANNED GROUNDFISH FLAKES, 1952

STATE	STANDARD CASES	VALUE
MAINE AND MASSACHUSETTS	29,333	$479,027

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 14 OUNCES OF FISH. GROUNDFISH FLAKES WERE CANNED IN 4 PLANTS IN MAINE AND 2 PLANTS IN MASSACHUSETTS.

PACK OF CANNED ANIMAL FOOD FROM FISHERY PRODUCTS, 1952

STATE	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
MAINE	948,054	$3,313,953	6-OUNCES NET (48 CANS)	17,813	$36,327
MASSACHUSETTS	829,574	3,740,477			
NEW YORK, NEW JERSEY, MARYLAND,			8-OUNCES NET (48 CANS)	2,342,781	5,893,174
AND VIRGINIA	135,186	568,968			
MISSISSIPPI, ILLINOIS, IOWA, AND			16-OUNCES NET (48 CANS)	2,301,125	9,633,937
TENNESSEE	256,326	1,290,913			
CALIFORNIA AND WASHINGTON	1,328,513	6,753,039	OTHER SIZES (CONVERTED TO		
ALASKA	80	600	STANDARD CASES)	18,538	104,512
TOTAL	3,497,733	15,667,950	TOTAL	4,680,257	15,667,950

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES. ANIMAL FOOD WAS CANNED IN 14 PLANTS IN CALIFORNIA, 8 IN MASSACHUSETTS, 3 IN MAINE, 2 IN WASHINGTON, AND 1 PLANT EACH IN NEW YORK, NEW JERSEY, MARYLAND, VIRGINIA, MISSISSIPPI, ILLINOIS, IOWA, AND TENNESSEE.

PACK OF CANNED FISH ROE AND CAVIAR, 1952

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATES OF PRODUCTION AND NUMBER OF PLANTS
ROE:			
ALEWIFE (25)	34,691	$411,839	MARYLAND 4, VIRGINIA 12, NORTH CAROLINA 9.
SHAD (9)	3,444	167,680	MARYLAND 1, WASHINGTON 2, OREGON 4, CALIFORNIA 2.
DEEP SEA (2), MACKEREL (1), HERRING (1)	7,083	104,458	MASSACHUSETTS 3, CONNECTICUT 1.
CAVIAR:			
SALMON (3), STURGEON (2)	4,595	527,510	NEW YORK 3.
WHITEFISH (3)	1,038	56,737	NEW YORK 2, WISCONSIN 1.
TOTAL EDIBLE ROE AND CAVIAR	50,851	1,268,224	
SALMON EGGS FOR BAIT (9)	13,229	412,786	WASHINGTON 9.
GRAND TOTAL (51)	64,080	1,681,010	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CAN CONTAINING 16 OUNCES OF ROE OR CAVIAR.

SUPPLEMENTARY REVIEW OF PACK OF CANNED FISH ROE AND CAVIAR: BY STATES, 1952

STATE	NUMBER OF PLANTS	STANDARD CASES	VALUE	STATE	NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS	3	7,083	$104,458	WISCONSIN	1	1,542	$81,094
CONNECTICUT	1			CALIFORNIA	2		
NEW YORK	4	4,828	539,545	WASHINGTON	11	13,248	414,306
MARYLAND	4	4,930	75,588	OREGON	4	2,562	120,768
VIRGINIA	12	25,011	277,885	TOTAL	51	64,080	1,681,010
NORTH CAROLINA	9	4,876	67,366				

PACK OF MISCELLANEOUS CANNED FISHERY PRODUCTS, 1952

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
ANCHOVIES:			
NATURAL, MUSTARD SAUCE, SOYA OIL	138,807	$1,589,053	
IN TOMATO SAUCE	300,181	3,148,338	
TOTAL	438,988	4,737,391	CALIFORNIA 18.
SEA HERRING, PACIFIC:			
NATURAL, AND IN OLIVE OIL	30,930	208,733	
IN TOMATO SAUCE	8,805	71,504	
TOTAL	39,735	280,237	CALIFORNIA 9.
FISH CAKES (PRINCIPALLY GROUNDFISH)	88,135	1,074,078	MAINE 2, MASSACHUSETTS 2, VIRGINIA 1.
FISH PASTE AND SPREAD (ANCHOVY, HERRING, AND SALMON)	697	45,235	NEW YORK 2, MARYLAND 1.
FISH, SMOKED OR KIPPERED:			
SALMON	948	43,900	WASHINGTON 3, OREGON 6, ALASKA 6.
STURGEON	550	35,984	WASHINGTON 3, OREGON 3.
FISH SPECIALTIES (HADDOCK CHOWDER, TUNA AND NOODLES, FISH CHOWDER, AND DEVILED FISH)	49,361	525,504	MAINE 1, MASSACHUSETTS 1, FLORIDA 1, CALIFORNIA 1.
MISCELLANEOUS FISH (SALTED COD, DOLLY VARDEN TROUT, AND MENHADEN)	2,038	17,863	MASSACHUSETTS 1, MARYLAND 1, VIRGINIA, ALASKA 1.
SHELLFISH:			
CRAB SPECIALTIES (BISQUE, CURRY, NEWBURG, SOUP, COCKTAILS, DEVILED CRABS, SOFT CRABS, AND PASTE)	6,548	122,334	NEW YORK 1, MARYLAND 2, NORTH CAROLINA 1, FLORIDA 1, WASHINGTON 1, OREGON 2.
LOBSTER MEAT, BISQUE, SOUP, NEWBURG, STEW, THERMIDOR, SAVANNAH, PASTE, AND SPREAD	6,547	187,796	MAINE 2, MASSACHUSETTS 1, NEW YORK 2.
SHRIMP SPECIALTIES (CAKES, CHOW MEIN, COCKTAILS, SMOKED, PASTE, ASPIC, BISQUE, CREOLE, CURRY, GUMBO, NEWBURG, AND SOUP)	9,736	225,051	NEW YORK 2, MARYLAND 2, SOUTH CAROLINA 1, FLORIDA 1, LOUISIANA 3, WASHINGTON 1, OREGON 2.
CLAM BISQUE, CAKES, SMOKED, AND WHOLE IN THE SHELL	1,466	17,782	MAINE 1, MARYLAND 1, WASHINGTON 3, ALASKA 1.
OYSTER BISQUE, COCKTAILS, SMOKED, SOUP, AND STEW	25,887	495,829	NEW YORK 1, MARYLAND 1, LOUISIANA 2, WASHINGTON 8, OREGON 5.
TERRAPIN AND TURTLE MEAT, SOUP, STEW, CHILE, AND BAR-B-QUE	24,160	258,568	NEW YORK 1, GEORGIA 1, FLORIDA 2, LOUISIANA 3, OHIO 1.
MISCELLANEOUS SHELLFISH AND SPECIALTIES (CRAYFISH BISQUE, CONCHS, MUSSELS, SCALLOPS, SQUID, FROG LEGS NEWBURG, BOUILLABAISSE, CREOLE GUMBO, SEAFOOD NEWBURG)	5,718	73,502	MAINE 2, NEW YORK 1, NEW JERSEY 1, LOUISIANA 3, CALIFORNIA 2.
GRAND TOTAL	700,514	8,141,054	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 CANS, EACH CONTAINING 16 OUNCES NET WEIGHT.

PACK OF CANNED CLAMS AND CLAM PRODUCTS, 1952

SPECIES, STATE, AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH, BOUILLON AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
SOFT CLAMS:						
MAINE (8)	27,020	$428,918	298,010	$1,859,262	325,030	$2,288,180
RAZOR CLAMS:						
WASHINGTON (5), OREGON (2)	9,843	211,941	-	-	9,843	211,941
ALASKA (11)	25,960	499,804	-	-	25,960	499,804
TOTAL RAZOR CLAMS (18)	35,803	711,745	-	-	35,803	711,745
HARD CLAMS: 1/						
RHODE ISLAND (1), NEW YORK (4), NEW JERSEY (3), PENNSYLVANIA (1), DELAWARE (1)	304,635	2,471,478	1,012,920	6,536,535	1,317,555	9,008,013
WASHINGTON (3), CALIFORNIA (1)	13,544	173,535	6,880	25,988	20,424	199,523
ALASKA (2)	179	2,097	-	-	179	2,097
TOTAL HARD CLAMS 1/ (15)	318,358	2,647,110	1,019,800	6,562,523	1,338,158	9,209,633
GRAND TOTAL (40)	381,181	3,787,773	1,317,810	8,421,785	1,698,991	12,209,558

CAN CONTENTS AND NUMBER OF CANS TO CASE	ACTUAL CASES			
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH BOUILLON AND NECTAR	
	CASES	VALUE	CASES	VALUE
TIN:				
3-1/2 OUNCES DRAINED WEIGHT (24 CANS)	17,388	$123,584	-	-
3-1/2 OUNCES DRAINED WEIGHT (48 CANS)	13,024	164,734	-	-
4-OUNCES DRAINED WEIGHT (48 CANS)	57,721	720,776	-	-
5-OUNCES DRAINED WEIGHT (24 CANS)	85,976	504,310	-	-
5-OUNCES DRAINED WEIGHT (48 CANS)	11,577	198,883	-	-
8-OUNCES DRAINED WEIGHT (24 CANS)	14,309	125,568	-	-
10-OUNCES DRAINED WEIGHT (24 CANS)	40,255	393,419	-	-
10-OUNCES NET WEIGHT (24 CANS)	-	-	2,803	$7,542
10-1/2 OUNCES NET WEIGHT (48 CANS)	-	-	544,670	3,903,978
12-OUNCES NET WEIGHT (24 CANS)	-	-	8,255	18,631
15-OUNCES NET WEIGHT (24 CANS)	-	-	408,786	1,890,734
51-OUNCES DRAINED WEIGHT (6 CANS)	60,524	705,867	-	-
51-OUNCES NET WEIGHT (12 CANS)	-	-	113,334	935,290
96-OUNCES NET WEIGHT (6 CANS)	-	-	10,281	46,048
OTHER SIZES DRAINED WEIGHT (STANDARD CASES)	136,367	850,632	-	-
OTHER SIZES NET WEIGHT (STANDARD CASES)	-	-	268,187	1,578,126
TOTAL TIN PACK	437,141	3,787,773	1,356,316	8,380,349
GLASS:				
MISCELLANEOUS SIZES, NET WEIGHT (STANDARD CASES)	-	-	7,936	41,436
GRAND TOTAL	437,141	3,787,773	1,364,252	8,421,785

1/ INCLUDES THE PACK OF SURF CLAMS IN NEW YORK, NEW JERSEY AND DELAWARE; PISMO CLAMS IN CALIFORNIA; COCKLES IN ALASKA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES NET CONTENT.

SUPPLEMENTARY REVIEW OF CLAM PACK, 1952

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
WHOLE CLAMS (17)	34,444	516,660	$528,828
MINCED CLAMS (25)	346,737	5,201,055	3,258,945
CHOWDER (11)	1,275,318	38,259,540	8,258,775
JUICE, BROTH, BOUILLON AND NECTAR (11)	42,492	1,274,760	163,010
TOTAL (40)	1,698,991	45,252,015	12,209,558

PACK OF CANNED CRABS, 1952

STANDARD CASES				ACTUAL CASES		
STATE	SPECIES	CASES	VALUE	CAN CONTENTS AND CASE SIZE	CASES	VALUE
EAST COAST:				5-OUNCES NET (24 CANS)	2,961	$44,415
MAINE, NORTH AND SOUTH CAROLINA, ALABAMA, MISSISSIPPI, AND LOUISIANA	ROCK AND BLUE	44,474	$913,808	5-OUNCES NET (48 CANS)	8,917	216,801
WEST COAST:				6-1/2 OUNCES NET (24 CANS)	50,134	504,873
WASHINGTON	DUNGENESS	9,076	208,854	6-1/2 OUNCES NET (48 CANS)	34,022	856,688
OREGON AND CALIFORNIA	DUNGENESS	9,861	248,389	16-OUNCES NET (24 CANS)	134	3,216
ALASKA	DUNGENESS	16,276	449,186			
	KING	6,293	264,598			
	TANNER	78	2,184	OTHER SIZES CONVERTED TO STANDARD (6-1/2 OUNCES - 48 CANS)	18,806	461,026
TOTAL WEST COAST		41,584	1,173,211	TOTAL	114,974	2,087,019
GRAND TOTAL		86,058	2,087,019			

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES OF CRAB MEAT. CRAB MEAT WAS CANNED IN 2 PLANTS EACH IN MAINE AND LOUISIANA; 6 PLANTS IN WASHINGTON, 7 IN OREGON, 14 IN ALASKA, AND 1 PLANT EACH IN NORTH CAROLINA, SOUTH CAROLINA, ALABAMA, MISSISSIPPI, AND CALIFORNIA.

PACK OF CANNED SHRIMP, 1952

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
MISSISSIPPI 1/	194,151	$2,968,068	4-1/2 OUNCES NET (24 CANS)	172,279	$1,416,162
			4-1/2 OUNCES NET (48 CANS)	51,386	850,108
LOUISIANA 1/	569,444	9,059,325	5-OUNCES NET (24 CANS)	240,824	1,933,534
			5-OUNCES NET (48 CANS)	536,826	8,049,183
ALABAMA	40,923	689,864	6-3/4 OUNCES NET (48 CANS)	3,820	125,104
			7-OUNCES NET (24 CANS OR GLASSES)	10,325	135,226
MAINE, SOUTH CAROLINA, AND GEORGIA	13,392	281,557	OTHER SIZES (CONVERTED TO STANDARD CASES)	24,514	489,497
TOTAL	817,910	12,998,814	TOTAL	1,039,974	12,998,814

1/ INCLUDES A SMALL PACK OF DRY SHRIMP.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 5 OUNCES OF SHRIMP MEAT. SHRIMP WERE CANNED IN 16 PLANTS IN MISSISSIPPI, 21 IN LOUISIANA, 3 IN ALABAMA AND 1 PLANT EACH IN MAINE, SOUTH CAROLINA, AND GEORGIA.

PACK OF CANNED OYSTERS, 1952

STANDARD CASES			ACTUAL CASES		
STATES	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
NORTH AND SOUTH CAROLINA	57,842	$806,812	4-2/3 OUNCES NET (24 CANS)	124,060	$936,152
ALABAMA	19,257	247,369	4-2/3 OUNCES NET (48 CANS)	361,763	4,784,833
MISSISSIPPI	153,477	2,079,152	6-1/2 OUNCES NET (24 CANS)	100,401	906,820
LOUISIANA	186,152	2,420,136	6-1/2 OUNCES NET (48 CANS)	16,152	265,640
WASHINGTON	99,041	1,316,765			
OREGON	13,374	177,207	OTHER SIZES (CONVERTED TO STANDARD CASES)	12,930	153,996
TOTAL	529,143	7,047,441	TOTAL	615,306	7,047,441

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 4-2/3 OUNCES DRAINED WEIGHT OF OYSTER MEATS. OYSTERS WERE CANNED IN 16 PLANTS IN MISSISSIPPI, 14 IN LOUISIANA, 5 IN WASHINGTON, 4 IN SOUTH CAROLINA, 3 PLANTS EACH IN ALABAMA AND OREGON, AND 1 IN NORTH CAROLINA.

NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1952

PRODUCT	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST AND ALASKA	TOTAL
	NUMBER	NUMBER	NUMBER
MEAL AND SCRAP, DRIED:			
ANCHOVY	-	11	11
CARP	-	1	1
CRAB:			
BLUE	13	-	13
DUNGENESS	-	2	2
HORSESHOE	1	-	1
FUR-SEAL	-	1	1
GROUNDFISH (INCLUDING OCEAN PERCH)	9	-	9
HERRING	10	10	20
MENHADEN	38	-	38
PILCHARD	-	15	15
SALMON	-	6	6
SHRIMP	29	-	29
TUNA AND MACKEREL	-	24	24
MISCELLANEOUS MEAL AND SCRAP, DRIED	18	16	34
MENHADEN ACIDULATED SCRAP	1	-	1
OIL, BODY:			
ANCHOVY	-	12	12
CARP	-	1	1
FUR-SEAL	-	1	1
HERRING	10	10	20
LAMPREY	-	1	1
MENHADEN	38	-	38
PILCHARD	-	15	15
SALMON:			
EDIBLE	-	3	3
INDUSTRIAL	-	7	7
TUNA AND MACKEREL	-	23	23
MISCELLANEOUS BODY OIL	9	11	20
OIL, LIVER, AND VISCERA:			
BURBOT	1	-	1
COD	6	-	6
HAKE	1	-	1
HALIBUT	2	3	5
POLLOCK	1	-	1
RATFISH	-	1	1
SHARK	1	6	7
SWORDFISH	1	1	2
TUNA	3	1	4
WHALE	1	1	2
VISCERA OIL	-	3	3
MISCELLANEOUS LIVER OIL	2	3	5
OYSTER SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	14	6	20
SHELL LIME:			
BURNED	2	-	2
UNBURNED	14	5	19
MUSSEL-SHELL PRODUCTS (FRESH-WATER):			
BUTTONS	14	-	14
CRUSHED SHELL FOR POULTRY FEED	1	-	1
LIME AND DUST	7	-	7
MARINE PEARL-SHELL BUTTONS	23	-	23
AGAR-AGAR	-	1	1
ALGINATES	1	-	1
AMINO ACIDS AND VITAMIN CONCENTRATES	-	1	1
CRAB SHELLS FOR TABLE USE	1	-	1
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	26	8	34
GLUE	2	-	2
IRISH MOSS EXTRACTIVES	3	-	3
ISINGLASS	1	-	1
KELP PRODUCTS	-	2	2
PEARL ESSENCE	5	-	5
TOTAL EXCLUSIVE OF DUPLICATION	177	78	255

1/ INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI RIVER STATES WHICH ENGAGED IN THE PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, BURBOT LIVER OIL, AND MISCELLANEOUS FISH MEAL.

NOTE:--LISTS OF CANNERS AND MANUFACTURERS OF FISHERY BYPRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D.C.

PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1952

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
MEAL AND DRIED SCRAP:						
ANCHOVY	-	-	1,645	$217,003	1,645	$217,003
CRAB, BLUE	9,554	$585,178	-	-	9,554	585,178
FUR-SEAL	-	-	365	41,296	365	41,296
GROUNDFISH ("WHITE FISH") INC. OCEAN PERCH	18,528	2,636,928	-	-	18,528	2,636,928
HERRING	6,740	804,713	3,124	509,648	9,864	1,314,361
MENHADEN	2/144,025	2/17,847,361	-	-	144,025	17,847,361
PILCHARD	-	-	390	51,741	390	51,741
SALMON	-	-	1,634	195,934	1,634	195,934
SHRIMP	1,034	87,432	-	-	1,034	87,432
TUNA AND MACKEREL	-	-	21,951	2,892,874	21,951	2,892,874
MISCELLANEOUS	3/6,748	590,715	4/5,665	700,831	12,413	1,291,546
TOTAL	186,629	22,552,327	34,774	4,609,327	221,403	27,161,654

1/ INCLUDES A SMALL PRODUCTION OF MISCELLANEOUS MEAL PRODUCED IN MINNESOTA.
2/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL.
3/ INCLUDES THE PRODUCTION OF FISH POMACE, AND HORSESHOE CRAB AND MISCELLANEOUS SCRAP AND MEAL.
4/ INCLUDES THE PRODUCTION OF CARP, DUNGENESS CRAB, AND MISCELLANEOUS SCRAP AND MEAL.

PRODUCTION OF MARINE-ANIMAL OIL, 1952

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
BODY OIL:						
ANCHOVY	-	-	254,225	$112,232	254,225	$112,232
FUR-SEAL	-	-	35,029	15,741	35,029	15,741
HERRING	331,753	$154,549	750,210	362,989	1,081,963	517,538
MENHADEN	12,888,646	5,785,395	-	-	12,888,646	5,785,395
PILCHARD	-	-	20,881	10,815	20,881	10,815
SALMON 2/	-	-	196,514	133,280	196,514	133,280
TUNA AND MACKEREL	-	-	744,827	367,585	744,827	367,585
MISCELLANEOUS	3/468,753	3/311,928	4/126,962	4/61,840	595,715	373,768
TOTAL	13,689,152	6,251,872	2,128,648	1,064,482	15,817,800	7,316,354
LIVER AND VISCERA OIL:						
COD	194,571	201,125	-	-	194,571	201,125
SHARK	(5)	(5)	5/44,507	5/333,854	44,507	333,854
TUNA	(5)	(5)	5/3,346	5/122,394	3,346	122,394
MISCELLANEOUS	6/5,548	6/561,096	7/28,637	7/856,545	34,185	1,417,641
TOTAL	200,119	762,221	76,490	1,312,793	276,609	2,075,014
GRAND TOTAL	13,889,271	7,014,093	2,205,138	2,377,275	16,094,409	9,391,368

1/ INCLUDES THE PRODUCTION OF BURBOT LIVER OIL IN MINNESOTA.
2/ INCLUDES THE PRODUCTION OF EDIBLE AND INDUSTRIAL SALMON OIL.
3/ INCLUDES THE PRODUCTION OF OCEAN PERCH AND UNCLASSIFIED BODY OILS.
4/ INCLUDES THE PRODUCTION OF CARP, LAMPREY, MIXED, AND UNCLASSIFIED BODY OILS.
5/ EAST AND WEST COAST PRODUCTION COMBINED.
6/ INCLUDES THE PRODUCTION OF BURBOT, HAKE, HALIBUT, POLLOCK, SWORDFISH, WHALE, MIXED, AND UNCLASSIFIED LIVER OILS.
7/ INCLUDES THE PRODUCTION OF HALIBUT, RATFISH, SABLEFISH, SWORDFISH, WHALE, AND MIXED LIVER OILS AND VISCERA OIL.

PRODUCTION OF FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH, 1952

STATE AND NUMBER OF PLANTS	POUNDS	VALUE
EAST COAST: MAINE (4), MASSACHUSETTS (4), RHODE ISLAND (1), NEW YORK (1), NEW JERSEY (2), DELAWARE (1), VIRGINIA (5), NORTH CAROLINA (2), FLORIDA (1), MISSISSIPPI (2), LOUISIANA (2), TEXAS (1)	100,456,345	$4,168,340
WEST COAST: OREGON (1), CALIFORNIA (7)	40,507,230	1,811,525
TOTAL	140,963,575	5,979,865

SUPPLEMENTARY REVIEW OF THE MENHADEN FISHERY, 1952 1/

STATE AND NUMBER OF PLANTS	MENHADEN UTILIZED		DRY SCRAP AND MEAL		OIL		TOTAL
	POUNDS	NO. OF FISH	TONS	VALUE	GALLONS	VALUE	VALUE
MAINE (2), RHODE ISLAND (1), MASSACHUSETTS (3)	38,311,940	57,182,000	2,832	$355,660	536,248	$234,379	$590,039
NEW YORK (1), NEW JERSEY (3), DELAWARE (2)	477,585,380	712,814,000	49,127	5,893,848	5,072,635	2,353,445	8,247,293
VIRGINIA (5)	98,545,610	147,083,000	10,965	1,422,000	325,332	163,720	1,585,720
NORTH CAROLINA (10), SOUTH CAROLINA (1)	191,886,660	286,398,000	19,509	2,536,050	1,037,914	464,266	3,000,316
FLORIDA (3)	130,704,270	195,081,000	2/ 14,450	2/ 1,729,967	196,250	68,687	1,798,654
TEXAS (2)	52,983,600	79,080,000	5,552	672,081	582,659	247,375	919,456
MISSISSIPPI (3)	112,890,310	168,493,000	11,873	1,510,530	1,717,714	824,707	2,335,237
LOUISIANA (4)	283,373,150	422,945,000	29,717	3,727,225	3,419,894	1,428,816	5,156,041
TOTAL (40)	1,386,280,920	2,069,076,000	144,025	17,847,361	12,888,646	5,785,395	23,632,756

1/ DOES NOT INCLUDE THE PRODUCTION OF MENHADEN SOLUBLES.
2/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH THE DRY SCRAP AND MEAL.

PRODUCTION OF OYSTER-SHELL PRODUCTS, 1952

STATE AND NUMBER OF PLANTS	CRUSHED SHELL FOR POULTRY FEED		SHELL LIME, UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY (3)	6,144	$58,633	571	$2,508	6,715	$61,141
PENNSYLVANIA (3), MARYLAND (2)	25,577	356,717	12,637	64,108	38,214	420,825
VIRGINIA (3), NORTH CAROLINA (2), FLORIDA (1), ALABAMA (1)	79,935	859,529	9,684	124,471	89,619	984,000
LOUISIANA (1), TEXAS (2)	230,049	1,496,594	41,517	166,613	271,566	1,663,207
WASHINGTON (3), OREGON (1), CALIFORNIA (2)	14,726	168,245	8,508	61,606	23,234	229,851
TOTAL (24)	356,431	2,939,718	72,917	419,306	429,348	3,359,024

NOTE:-- THE LIME PRODUCTION WAS UNBURNED WITH THE EXCEPTION OF A SMALL QUANTITY OF BURNED LIME PRODUCED IN VIRGINIA.

PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1952

STATE	BUTTONS		LIME AND POULTRY GRIT		TOTAL
	GROSS	VALUE	TONS	VALUE	VALUE
IOWA	4,772,578	$4,196,927	1/ 2,444	1/ $8,431	$4,205,358
NEW YORK, PENNSYLVANIA, MISSOURI AND ARKANSAS	305,824	233,187	-	-	233,187
TOTAL	5,078,402	4,430,114	2,444	8,431	4,438,545

1/ SMALL QUANTITIES OF LIME AND DUST PRODUCED IN NEW YORK ARE INCLUDED WITH THE IOWA PRODUCTION.
NOTE:--MUSSEL SHELL PRODUCTS WERE MANUFACTURED IN 11 PLANTS IN IOWA, 2 IN NEW YORK, AND 1 PLANT EACH IN PENNSYLVANIA, ARKANSAS, AND MISSOURI.
MUSSEL SHELLS PURCHASED DURING THE YEAR AMOUNTED TO 8,416 TONS, VALUED AT $393,356 TO THE FISHERMEN. SHELLS WERE TAKEN IN 10 STATES IN THE MISSISSIPPI RIVER AND GREAT LAKES REGION. THE PRODUCING STATES IN THE ORDER OF THEIR IMPORTANCE WERE: TENNESSEE, WHICH CONTRIBUTED 33 PERCENT OF THE TOTAL QUANTITY; ALABAMA, 28 PERCENT; ARKANSAS, 22 PERCENT; KENTUCKY, 6 PERCENT; INDIANA AND IOWA, 3 PERCENT EACH; MISSISSIPPI, 2 PERCENT; ILLINOIS, 1 PERCENT; AND LOUISIANA AND WISCONSIN 2 PERCENT.

PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1952 1/

STATE	GROSS	VALUE
CONNECTICUT	1,173,423	$1,518,957
NEW YORK	1,057,656	1,625,333
NEW JERSEY	1,054,190	1,743,335
PENNSYLVANIA AND MARYLAND	1,130,451	1,914,794
IOWA	65,736	102,685
TOTAL	4,481,456	6,905,104

1/ PRODUCED PRINCIPALLY FROM IMPORTED SHELLS.
NOTE:--MARINE PEARL-SHELL BUTTONS WERE MANUFACTURED IN 3 PLANTS EACH IN CONNECTICUT, NEW YORK, AND IOWA; 11 IN NEW JERSEY; 2 IN PENNSYLVANIA, AND 1 IN MARYLAND.

PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1952

PRODUCT	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR	CALIFORNIA 1	$10,756,071
ALGINATES	CALIFORNIA 1	
AMINO ACID SOLUTIONS AND VITAMINS A & D	CALIFORNIA 1	
CRAB SHELLS FOR TABLE USE	NORTH CAROLINA 1	
GLUE	MASSACHUSETTS 2	
IRISH MOSS EXTRACTS	MAINE 2, MASSACHUSETTS 1	
ISINGLASS	MASSACHUSETTS 1	
KELP PRODUCTS	CALIFORNIA 2	
PEARL ESSENCE	MAINE 4, VIRGINIA 1	

IMPORTS OF CANNED FISHERY PRODUCTS, 1948 - 1952

CANNED	1948 1/		1949 1/		1950 1/		1951 1/		1952 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH:										
ANCHOVIES:										
IN OIL	3,876,128	$2,758,189	5,440,595	$2,856,034	6,199,349	$2,786,057	4,981,711	$2,828,286	5,403,501	$2,819,135
NOT IN OIL	1,063,306	332,168	823,387	219,227	653,702	129,532	574,729	122,620	786,953	167,626
SALMON, NOT IN OIL	882,482	299,289	917,786	254,863	419,125	112,802	568,045	192,631	9,544,157	3,215,421
SARDINES:										
IN OIL	22,104,039	8,676,087	16,207,305	6,033,018	22,573,052	7,731,382	19,324,088	7,057,733	20,887,117	7,430,271
NOT IN OIL (INCLUDES HERRING)	9,051,915	2,061,313	6,815,614	1,465,904	9,912,159	1,683,069	9,965,446	1,941,637	10,095,080	2,178,181
TUNA, IN OIL 2/	8,289,442	4,770,263	4,504,907	2,199,214	36,409,547	14,366,739	3,618,565	1,411,000	4,288,447	1,719,455
BONITO AND YELLOWTAIL, IN OIL	2/306,108	2/121,576	8,053,940	3,106,523	8,135,102	2,632,154	10,437,318	3,035,549	13,811,535	3,403,488
TUNA, ANTIPASTO AND SMOKED POLLOCK, NOT IN OIL (PRINCIPALLY TUNA)	12,884	5,512	79,357	25,313	380,917	93,196	9,351,758	3,097,236	19,032,530	6,873,994
ANTIPASTO, IN OIL	78,690	39,732	127,480	76,310	406,666	219,478	246,431	152,350	295,656	187,124
FISH CAKES, BALLS AND PUDDING	1,023,937	173,119	965,506	183,577	1,021,806	157,902	1,192,743	187,047	1,164,697	205,334
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	334,912	509,475	417,129	558,252	298,160	397,655	521,365	548,274	386,230	451,783
FISH PASTE AND SAUCE	39,828	25,664	75,079	51,259	131,715	60,512	109,347	45,089	79,745	36,024
OTHER:										
IN OIL	353,029	195,697	405,769	245,359	704,005	310,054	650,200	310,087	684,150	259,383
NOT IN OIL	681,089	286,614	1,076,849	412,749	3,089,485	831,663	2,438,520	728,158	3,010,217	748,531
TOTAL CANNED FISH	48,097,789	20,254,698	45,910,703	17,687,602	90,334,790	31,512,195	63,980,266	21,657,697	89,470,015	29,695,750
SHELLFISH, ETC:										
ABALONE(MAY INCLUDE FRESH AND DRIED AND CANNED PASTE AND SAUCE	4,512,540	1,633,741	5,224,211	1,768,764	4,865,586	1,621,367	4,662,535	1,479,388	3,519,624	1,368,017
CLAMS:										
RAZOR	-	-	28,081	13,375	39,112	17,212	36,003	17,651	2,424	1,263
OTHER	32,325	17,727	278,344	124,289	366,788	105,714	437,553	152,640	392,656	154,917
CHOWDER, JUICE, ETC.	23,925	4,769	16,510	3,540	17,026	4,307	15,964	3,712	66,992	6,867
CRAB MEAT (INCLUDES PASTE AND SAUCE)	1,336,567	750,872	2,306,794	1,959,604	4,070,337	3,673,416	1,967,789	2,099,914	2,080,265	2,226,227
LOBSTER MEAT:										
COMMON	1,638,910	2,477,435	1,409,585	2,088,586	2,009,611	2,631,153	1,498,550	1,995,504	1,982,344	2,792,148
SPINY	1,073,012	753,869	696,073	520,955	2,610,412	1,563,552	1,965,899	1,400,987	2,621,036	1,904,858
OYSTERS AND OYSTER JUICE	157,526	141,911	336,282	303,012	439,226	262,731	1,020,387	540,397	612,860	357,780
SHELLFISH PASTE AND SAUCE:										
LOBSTER	25,251	13,833	44,078	25,594	49,198	25,992	42,576	28,363	61,488	36,185
OTHER (EXCEPT LOBSTER AND CRAB)	83,147	45,414	141,610	69,096	116,493	39,975	113,401	42,591	201,546	87,173
OTHER SHELLFISH NOT ESPECIALLY PROVIDED FOR	613,633	323,197	1,223,088	484,953	1,223,286	431,619	1,188,273	416,614	1,483,106	458,621
TOTAL CANNED SHELLFISH	9,496,836	6,162,768	11,704,656	7,361,768	15,807,075	10,377,038	12,948,930	8,177,761	13,024,341	9,394,056
TOTAL CANNED FISH, SHELLFISH, ETC.	57,594,625	26,417,466	57,615,359	25,049,370	106,141,865	41,889,233	76,929,196	29,835,458	102,494,356	39,089,806

1/ PRELIMINARY DATA.
2/ PRIOR TO APRIL 1948, IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA.

PACK OF CANNED FISHERY PRODUCTS: STANDARD CASES - 1921 - 1952

Year	Salmon						Sardines			
	Pacific Coast States		Alaska		Total Salmon		Maine		California	
	Cases	Value	Cases	Value	Cases	Value	Cases	Value	Cases	Value
1921 - 1930 average	1,147,835	$11,916,541	4,860,058	$33,893,502	6,007,893	$45,810,043	1,677,265	$6,031,760	1,953,474	$6,961,598
1931 - 1935 average	984,706	7,301,890	5,699,775	28,513,777	6,684,481	35,815,667	1,042,116	2,974,505	1,719,387	4,519,462
1936	527,574	5,309,438	8,437,603	44,751,633	8,965,177	50,061,071	1,845,860	5,740,454	2,616,530	7,302,273
1937	885,372	8,386,165	6,669,665	44,547,769	7,555,037	52,933,934	1,680,241	4,998,373	2,812,456	8,592,117
1938	472,721	5,728,892	6,806,998	36,636,897	7,279,719	42,365,789	671,635	2,367,045	2,261,678	7,102,358
1939	728,343	7,339,727	5,263,161	34,441,122	5,992,104	41,780,849	2,210,466	7,075,096	3,108,082	9,553,663
1940	535,663	6,575,176	5,069,343	31,474,492	5,605,006	38,049,668	1,117,748	3,736,394	2,945,882	8,975,257
1941	899,589	11,199,317	6,932,040	56,217,601	7,831,629	67,416,918	3,164,787	12,590,958	5,007,154	18,091,873
1942	759,032	13,673,968	5,075,974	48,300,209	5,835,006	61,974,177	2,873,246	12,162,451	3,744,624	15,509,964
1943	275,889	5,110,847	5,428,318	57,824,267	5,704,207	62,935,114	2,505,114	11,104,570	3,354,697	14,352,359
1944	245,588	5,187,136	4,893,059	51,196,140	5,138,647	56,383,276	3,261,984	14,819,803	3,650,919	15,225,919
1945	557,769	7,942,102	4,350,471	44,644,303	4,908,240	52,586,405	2,725,216	12,077,201	3,765,981	15,346,472
1946	360,289	17,003,459	3,949,878	53,157,194	4,510,167	70,160,653	3,276,338	20,275,590	2,977,170	19,895,649
1947	1,329,226	31,969,134	4,312,172	88,666,301	5,641,398	120,635,435	3,013,910	28,310,674	1,652,592	16,538,375
1948	810,075	24,008,466	4,014,891	96,528,730	4,824,966	120,537,196	3,682,392	29,359,114	2,654,149	21,892,893
1949	1,133,325	22,167,812	4,391,601	81,263,171	5,524,926	103,430,983	3,074,523	21,051,675	3,768,212	21,334,825
1950	1,001,819	27,187,060	3,307,985	82,354,118	4,309,804	109,541,178	3,814,164	21,209,033	5,070,805	26,345,609
1951	1,161,274	29,388,514	3,484,299	79,237,355	4,645,573	108,625,869	1,676,764	14,635,352	2,864,984	19,362,744
1952	890,156	21,906,773	3,574,191	76,357,016	4,464,347	98,263,789	3,530,876	21,502,970	106,746	918,072

Year	Tuna and Tunalike Fishes						Mackerel		Alewives		Fish Roe, Caviar and Eggs for Bait	
	Tuna		Tunalike Fishes		Total Tuna and Tunalike Fishes							
	Cases	Value	Cases	Value	Cases	Value	Cases	Value	Cases	Value	Cases	Value
1921 - 1930 average	1,017,364	$7,135,011	45,874	$236,069	1,063,238	$7,371,080	1/229,293	1/$979,927	24,066	$77,558	2/68,740	2/$820,057
1931 - 1935 average	1,618,327	8,440,215	50,484	205,818	1,668,811	8,646,033	806,664	2,117,791	20,095	48,402	48,284	814,969
1936	2,415,549	13,558,819	265,185	1,156,572	2,680,734	14,715,391	1,236,850	3,542,895	24,140	58,527	59,040	1,028,293
1937	2,929,352	17,914,589	215,149	1,081,190	3,144,501	18,995,779	840,832	2,673,608	54,993	139,585	69,974	996,169
1938	2,512,345	14,143,133	241,798	1,040,503	2,754,143	15,183,636	965,629	2,896,220	52,886	143,558	61,337	786,441
1939	3,417,035	19,147,235	225,916	932,332	3,642,951	20,079,567	889,389	2,588,695	22,882	74,804	64,448	957,875
1940	3,994,470	22,926,463	193,990	801,097	4,188,460	23,727,560	1,421,894	4,101,369	24,486	72,070	61,852	891,814
1941	2,556,922	17,605,146	374,659	1,792,741	2,931,581	19,397,887	935,001	3,503,718	42,156	153,269	76,740	815,514
1942	2,404,908	30,008,885	79,841	733,608	2,484,749	30,742,493	721,189	3,693,082	77,232	399,555	53,190	910,890
1943	2,579,815	30,541,893	116,258	888,296	2,696,073	31,430,189	937,251	5,271,203	112,472	619,213	59,884	1,044,582
1944	3,530,877	40,615,221	29,143	220,896	3,560,020	40,836,117	1,225,060	7,033,997	135,995	793,254	55,677	824,197
1945	4,442,101	46,713,477	89,464	693,974	4,531,565	47,407,451	692,748	4,016,691	131,062	753,769	36,795	948,042
1946	4,596,629	57,342,706	187,855	1,793,117	4,784,484	59,135,823	962,150	7,575,291	193,980	1,180,197	58,192	1,905,638
1947	5,447,554	85,093,328	446,941	5,515,847	5,894,495	90,609,175	1,754,950	15,018,633	139,816	779,150	52,432	1,641,228
1948	6,663,619	107,980,968	374,139	4,631,328	7,037,758	112,612,296	1,281,192	9,850,834	123,134	639,356	50,629	1,473,320
1949	7,130,453	96,039,797	159,867	1,670,528	7,290,320	97,710,325	1,049,927	6,848,930	111,994	469,398	86,459	1,969,998
1950	8,944,598	112,136,363	71,943	693,731	9,016,541	112,830,094	1,457,048	7,491,816	69,568	316,993	71,557	1,908,559
1951	8,131,274	98,102,229	105,451	943,977	8,236,725	99,046,206	1,048,518	6,259,224	127,760	604,314	76,095	1,926,140
1952	8,893,889	111,075,890	227,000	1,958,620	9,120,889	113,034,510	1,525,353	11,362,697	79,861	374,680	64,080	1,681,010

Year	Clam Products		Crabs		Oysters		Shrimp		Other fish and shellfish	Total
	Cases	Value	Cases	Value	Cases	Value	Cases	Value	Value	Value
1921 - 1930 average	2/542,612	$2,119,298	1/2,870	$53,908	520,205	$2,524,660	910,491	$4,475,680	1/$2,162,290	$77,965,913
1931 - 1935 average	521,573	2,242,896	13,548	109,235	417,985	1,392,686	1,143,677	3,836,331	1,785,685	64,303,662
1936	754,334	2,976,297	14,600	130,753	566,470	2,180,869	1,024,392	4,672,198	2,155,233	94,564,254
1937	773,448	3,013,446	27,394	269,699	759,589	2,932,681	1,434,894	7,130,747	2,498,797	105,174,935
1938	769,665	3,189,628	27,398	260,134	516,901	1,886,476	1,207,553	4,872,393	2,392,211	83,445,889
1939	935,147	3,798,199	32,828	259,756	648,569	2,378,945	1,376,758	5,397,662	2,682,319	96,627,550
1940	927,628	3,778,363	38,740	308,890	690,585	2,526,859	1,116,249	4,318,325	3,695,372	94,181,941
1941	927,343	3,711,029	60,198	547,617	657,045	2,997,114	884,874	4,882,544	4,575,716	138,684,157
1942	782,602	3,791,058	114,548	1,755,065	523,262	3,598,703	963,352	7,347,330	3,112,179	144,996,947
1943	464,794	2,802,420	75,308	1,194,483	454,868	2,821,556	660,436	5,360,647	2,252,456	141,183,792
1944	547,696	3,820,612	86,742	1,361,458	273,556	2,283,429	561,649	4,854,799	4,677,376	152,914,237
1945	900,032	7,391,098	55,514	883,767	225,964	2,029,953	214,971	1,918,633	7,411,089	152,800,571
1946	1,527,789	11,145,047	199,078	4,720,119	390,835	5,249,272	522,130	8,428,735	17,957,441	227,629,455
1947	1,257,650	8,642,235	139,818	2,705,391	410,487	4,259,485	472,366	8,192,004	13,347,135	310,678,920
1948	1,179,774	8,329,639	220,802	4,846,494	357,080	4,777,531	558,870	7,791,313	14,071,493	336,181,479
1949	1,186,060	8,779,018	161,829	3,490,885	452,918	6,525,207	664,721	11,203,325	12,689,336	295,503,905
1950	1,518,950	10,839,889	137,203	3,121,269	492,390	7,096,235	786,251	12,773,346	17,861,326	331,335,347
1951	1,501,608	11,773,909	149,945	3,586,558	466,334	5,931,276	871,171	12,187,049	17,271,654	301,210,295
1952	1,698,991	12,209,558	86,058	2,087,019	529,143	7,047,441	817,910	12,998,814	24,348,638	305,829,198

1/ Represents 5-year average, 1926 - 1930. 2/ Represents 4-year average, 1927 - 1930 inclusive.

Note:--The cases listed above for all years are the same as used in the individual pack tables in this bulletin.

Year	Menhaden Dried Scrap and Meal		Menhaden Acidulated Scrap		Herring Meal		Pilchard Meal		Tuna and Mackerel Meal		Other Meal, Dried and Green Scrap	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
1921 - 1930 average	34,109	$1,587,175	28,374	$678,844	(1)	(1)	2/22,726	2/$1,241,001	2/3,047	2/$151,334	34,163	$1,638,101
1931 - 1935 average	31,488	935,645	15,407	257,799	12,634	$363,085	55,434	1,648,972	3/8,550	3/ 226,263	23,421	827,215
1936	42,411	1,411,710	23,482	359,615	16,780	593,357	121,739	3,968,305	11,847	359,409	27,519	1,004,002
1937	35,801	1,581,219	31,600	618,104	20,460	680,382	89,422	3,325,282	13,066	456,358	29,593	904,190
1938	39,274	1,576,620	21,814	418,936	17,747	592,588	89,927	3,437,892	11,224	409,211	25,230	982,916
1939	52,950	2,224,920	15,853	265,850	18,222	763,419	96,947	4,103,638	12,084	464,578	30,046	1,271,192
1940	56,249	2,423,229	15,520	271,533	9,216	380,134	69,975	3,007,705	14,955	610,007	27,329	1,141,213
1941	75,316	4,008,355	11,029	242,792	12,520	847,116	97,979	5,942,272	8,693	484,886	31,307	1,570,152
1942	50,504	3,362,279	2,594	80,520	5,591	386,059	71,828	5,310,037	7,144	465,481	33,419	2,021,383
1943	66,357	4,766,672	1,555	58,821	9,170	690,280	75,611	5,775,932	7,766	505,199	29,944	1,832,248
1944	69,170	4,913,224	2,922	111,104	14,212	1,044,861	86,196	6,582,600	9,648	644,458	30,999	1,946,775
1945	77,451	5,483,377	1,557	62,200	14,344	1,120,042	60,860	4,643,694	10,273	705,976	36,190	2,390,049
1946	94,622	8,605,118	2,022	78,475	19,505	2,248,942	36,899	5,233,075	13,584	1,743,189	32,989	2,530,624
1947	98,602	10,883,852	632	26,863	18,453	2,649,474	16,715	2,556,038	19,761	2,998,321	32,276	3,265,803
1948	4/104,058	11,560,914	(4)	(4)	17,686	2,065,042	19,076	2,614,616	21,305	2,757,778	37,419	4,090,384
1949	4/113,393	17,813,339	(4)	(4)	5,298	973,445	39,278	6,219,717	19,139	3,073,742	60,072	7,571,899
1950	4/103,365	12,864,751	(4)	(4)	17,797	2,138,776	43,009	5,269,696	25,377	3,268,594	50,406	5,711,918
1951	4/115,464	13,879,523	(4)	(4)	9,631	1,370,083	17,225	2,266,968	23,147	3,021,720	44,289	4,835,603
1952	4/144,025	17,847,361	(4)	(4)	9,864	1,314,361	390	51,741	21,951	2,892,074	45,173	5,055,317

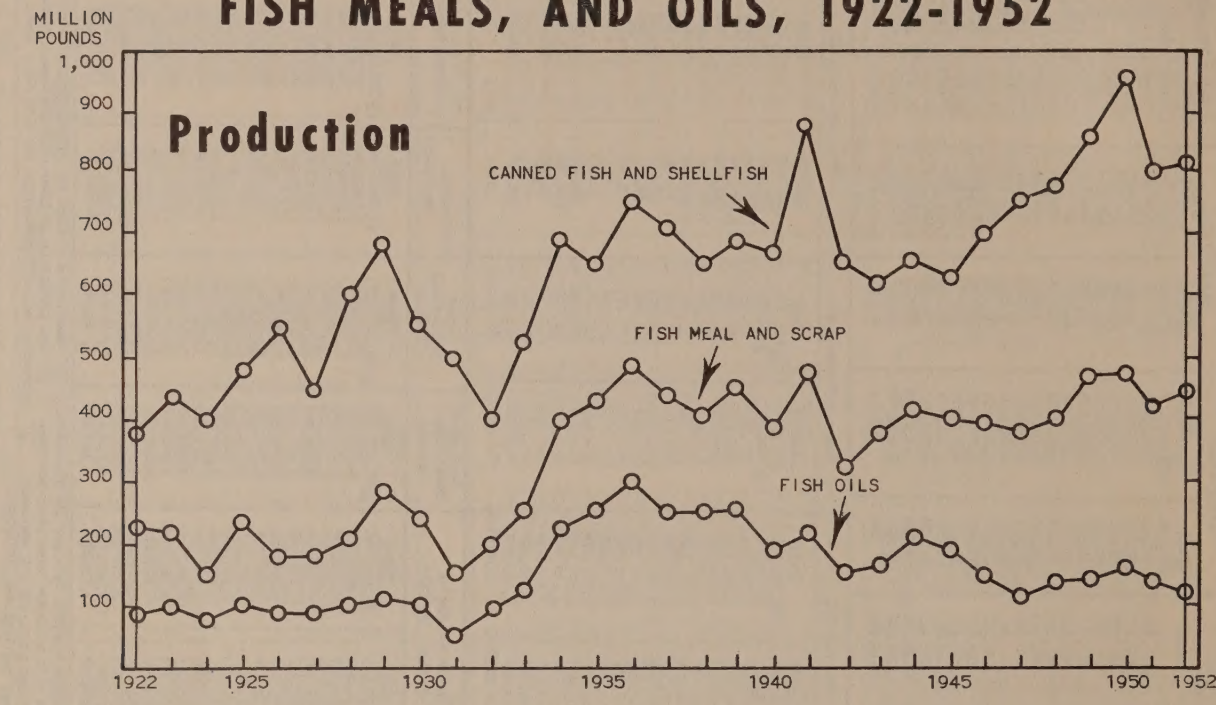
Year	Menhaden Oil		Herring Oil		Pilchard Oil		Tuna and Mackerel Oil		Whale and Sperm Oil	
	Gallons	Value	Gallons	Value	Gallons	Value	Gallons	Value	Gallons	Value
1921 - 1930 average	4,863,899	$1,969,152	2,063,436	$797,716	2,770,878	$1,156,437	2/45,354	2/$13,933	1,403,568	$678,544
1931 - 1935 average	3,200,351	582,152	3,116,230	562,980	12,458,879	2,835,610	3/182,452	3/38,512	775,424	178,453
1936	4,880,879	1,249,708	3,796,586	954,706	26,131,439	8,336,079	357,914	98,221	4,154,966	1,707,561
1937	3,895,613	1,456,333	5,623,045	2,114,548	15,993,216	6,203,616	222,774	61,514	9,226,289	4,170,001
1938	4,189,129	1,173,667	4,579,565	1,298,837	17,539,567	5,205,337	278,879	81,532	7,741,000	3,184,058
1939	6,005,414	1,624,024	4,847,512	1,157,418	19,996,422	6,078,317	310,661	92,906	3,550,230	1,132,871
1940	5,774,671	1,304,720	2,241,169	606,722	12,626,849	3,761,160	447,326	123,801	2,561,518	952,164
1941	6,034,050	2,829,441	3,041,315	1,563,545	18,125,147	9,879,290	250,517	100,048	34,058	15,907
1942	5,128,760	3,200,129	985,403	646,565	12,508,958	8,067,750	214,932	112,042	47,247	31,733
1943	5,734,668	3,892,142	1,727,441	1,129,446	13,947,295	9,301,593	219,044	131,906	37,964	30,406
1944	6,067,111	3,725,498	2,389,287	1,603,078	18,098,982	11,722,950	317,236	177,774	7,185	5,135
1945	8,335,094	5,656,550	2,663,546	1,786,040	11,852,994	7,926,147	304,143	173,452	-	-
1946	9,758,648	9,033,032	3,532,454	4,292,776	4,866,567	6,843,376	359,437	395,475	-	-
1947	8,473,371	11,425,497	3,875,025	4,144,643	2,103,965	2,677,453	748,017	958,998	66,374	70,007
1948	8,763,939	10,132,179	3,643,537	4,004,250	2,328,572	2,457,858	660,515	622,110	120,089	130,217
1949	8,293,911	3,407,510	723,350	394,297	6,123,140	2,872,532	597,935	265,736	74,950	52,475
1950	10,209,958	5,866,554	3,309,457	2,366,005	6,188,607	4,693,550	884,434	553,231	-	-
1951	12,537,115	9,771,154	1,512,814	1,205,384	1,942,586	1,545,937	712,620	525,552	68,500	50,200
1952	12,888,646	5,785,395	1,081,963	517,538	20,881	10,815	744,827	367,585	-	-

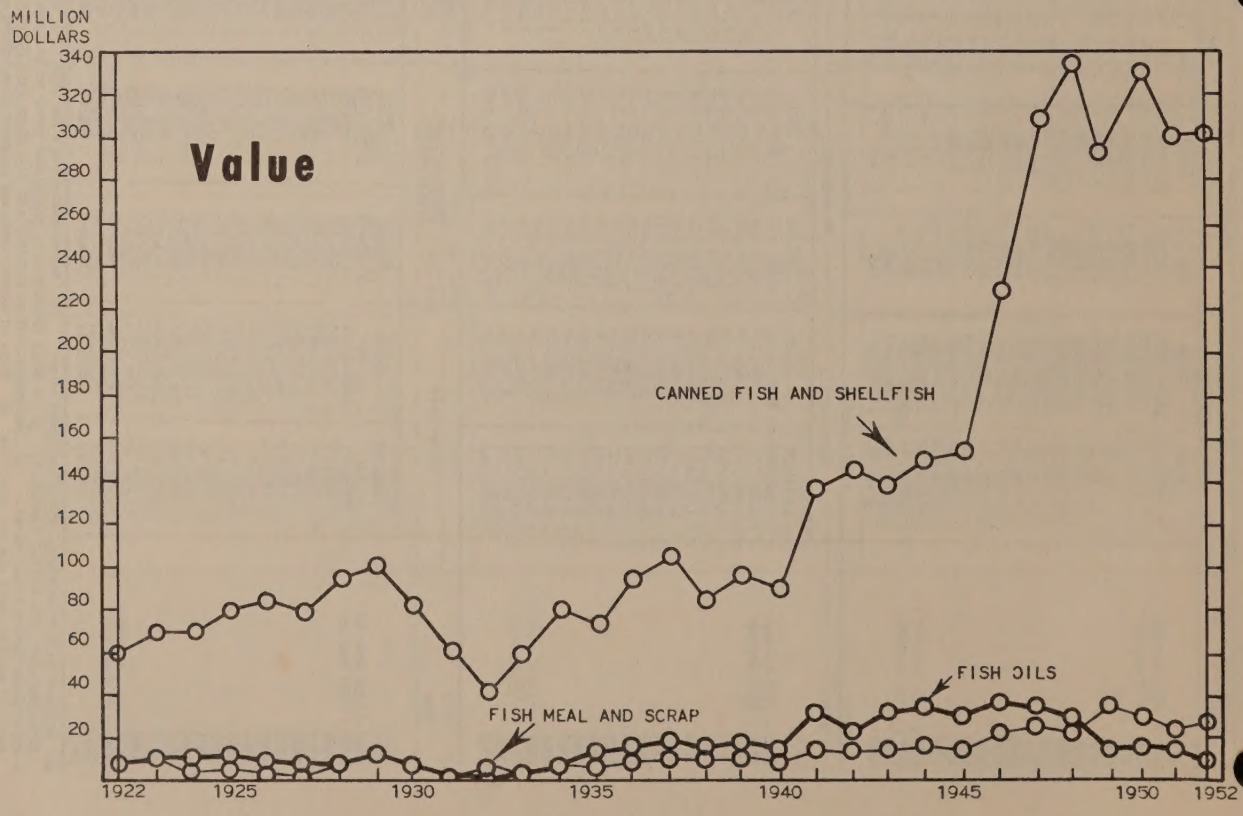
Year	Liver Oils		Other Marine-Animal Oils		Oyster and Marine Clam-shell Products		Fresh-Water Mussel-Shell Products	Marine Pearl-shell Products	Other Byproducts	Grand total
	Gallons	Value	Gallons	Value	Tons	Value	Value	Value	Value	Value
1921 - 1930 average	(5)	(5)	5/459,292	5/$222,121	308,823	$2,455,768	6/$5,575,967	7/$4,544,147	$1,001,606	8/$17,948,654
1931 - 1935 average	3/109,419	3/$912,476	295,480	114,243	314,802	1,606,093	4,210,128	3,491,872	1,165,471	19,721,516
1936	351,400	2,896,655	228,634	85,536	383,703	1,578,108	4,710,260	4,265,986	1,389,766	34,968,984
1937	347,921	2,204,097	325,811	145,643	382,718	1,612,847	4,791,205	5,079,895	1,398,811	36,804,045
1938	506,203	2,476,343	305,792	106,241	339,425	1,416,557	2,698,879	4,197,503	1,319,250	30,576,367
1939	677,975	4,471,688	363,899	139,845	386,005	1,539,557	2,492,342	4,827,413	1,388,836	34,038,814
1940	790,621	5,088,153	373,384	188,458	395,088	1,479,847	2,489,438	5,399,720	1,326,254	30,554,258
1941	1,233,242	14,871,588	565,298	334,395	438,407	1,985,253	3,037,350	6,236,714	2,851,970	56,801,074
1942	1,000,912	10,034,907	692,892	486,476	466,037	2,582,261	5,064,271	5,528,421	3,516,548	50,896,862
1943	851,854	14,841,970	597,950	485,391	509,285	2,820,986	3,782,028	4,696,593	4,394,653	59,136,266
1944	998,802	13,237,435	444,372	536,911	582,215	3,134,696	4,428,903	4,134,738	5,348,413	63,298,553
1945	804,288	11,202,207	541,787	491,326	507,096	2,573,717	4,844,647	3,286,245	5,864,937	58,210,606
1946	895,884	13,478,590	613,020	456,883	390,433	2,270,853	6,629,578	5,635,904	6,964,960	76,642,850
1947	832,510	11,643,468	633,630	830,596	501,393	3,263,158	8,166,000	7,902,000	7,130,156	80,592,327
1948	740,137	12,507,652	326,822	1,128,541	345,075	2,474,492	5,447,121	8,587,011	9,285,458	79,865,623
1949	834,357	9,845,455	1,048,190	526,972	362,028	2,662,252	3,767,703	6,782,281	12,243,140	78,472,495
1950	331,257	3,431,090	840,136	562,279	399,375	2,950,053	5,064,495	9,239,018	13,208,356	77,188,366
1951	299,575	2,579,347	1,099,099	946,069	453,319	3,568,745	3,845,661	7,714,846	12,186,235	69,313,027
1952	276,609	2,073,014	1,081,463	635,021	429,348	3,359,024	4,438,545	6,905,104	16,735,936	67,991,631

1/ Included with "Other meal, dried and green scrap". 2/ Represents average for 1926-1930, since previous data are not available. 3/ Represents average for 1932-1935, inclusive, since data for 1931 are not available. 4/ A small production of acidulated scrap is included with menhaden dried scrap and meal. 5/ The production of liver oils has been included with "Other marine animal oils". 6/ Represents average for 1929 and 1930 since data for earlier years are not available. 7/ Represents value of production for 1930 only, since data for earlier years are not available. 8/ Value of mussel-shell and pearl-shell products are not included, 1921-1925.

Interior - Duplicating Section, Washington 25, D.C.

PRODUCTION AND VALUE OF CANNED FISH, FISH MEALS, AND OILS, 1922-1952





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